

GP 3731
PATENT

Docket No. 290252016600

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Assistant Commissioner for Patents, Washington, D.C. 20231, on November 11, 1999


Hazel M. Raskowitz

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE # 27

In the application of:

KEN et al.

Serial No.: 08/736,896

Filing Date: October 25, 1996

For: DETACHABLE MULTIDIAMETER
VASOOCCLUSIVE COIL

Examiner: William Lewis

Group Art Unit: 3731

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TECHNOLOGY CENTER 3700

TRANSMITTAL

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Enclosed please find the following:

1. Communication (3 pages).
2. Form PTO-1449 (1 page).
3. 4 references.
4. Return receipt postcard.

Respectfully submitted,

Dated: November 11, 1999

By:

William C. Revelos
Registration No. 42,101

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COMMUNICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Enclosed are four documents Applicants submit for consideration in the above-identified application. Applicants respectfully request and would highly appreciate it if the Examiner makes these documents of record and initials the accompanying PTO-1449.

Applicants filed a Notice of Appeal for this application on October 12, 1999 (Paper No. 24). Applicants are unable to provide these references in an Information Disclosure Statement under 37 C.F.R. §§ 1.97(d) and 1.98 because Applicants cannot provide the statement required by 37 C.F.R. § 1.97(e).

Applicants submit these documents under 37 C.F.R. § 1.56 with the good faith belief that none of the information contained therein is material to the patentability of the pending claims.

Accordingly, Applicants respectfully request the Examiner make these documents of record. A brief statement regarding each document appears below.

U.S. Patent No. 5,919,187

This document describes a catheter having an insulated heating coil coupled to an insulated delivery wire for endovascularly heating fluid such as blood to promote thrombosis as well as for heating blood in a tumor to destroy tumor cells. A pair of insulated platinum coils 20 and 26, which may take on a helical envelope as shown in Figures 1-4, are coupled together at their distal ends 30 or may be fabricated from a single integral strand of coil. These coils are electrically and selectively heated via wires 12 and 14 to effect the aforementioned treatment.

U.S. Patent No. 5,925,062

This document describes an intravascular occlusion device comprising an anchoring element, a lead element, and at least one fiber attaching these elements. Each of the anchoring and lead elements 12 and 14, as seen for example in Figure 2, can take the form of a coil. This is described in this document from column 9, line 66 to column 10, line 8.

PCT Application No. PCT/US97/10882 (Publication No. WO 97/48351)

This document describes an intravascular flow modifier having an outer layer formed of a strand configured as a longitudinally oriented coil of adjacent helical loops extending between a first end and a second end of the outer layer. In the embodiment of Figure 1 discussed at page 17, the first end 28 of the outer layer 22 may include means for inhibiting the wire strand from penetrating through the interior surface of the vessel 32, such as a loop provided on the first end of the wire strand.


This document discloses a stent for occluding the human ductus arteriosus, which comprises a length of wire of shape memory effect or superelastic material which is expandable from a relatively straightened state for introduction into the patient. This wire adopts a series of turns into a conical helix, to form occluding anchor parts 10 and 12 connected by a straight linking part 14 as seen most readily in Figures 1 and 8-11. Spiral windings of the anchor parts 10 and 12 are wound in the opposite sense and have their central axes slightly laterally displaced. The wires making up these anchor parts 10 and 12 are designed to conform to the shape of the vessel in which they are implanted and project as little as possible beyond the vessel.

Should the Examiner have any questions or would like to discuss this matter, he is encouraged to contact Applicants' representative at the number listed below.

☒ The Assistant Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17, and 1.21 that may be required by this transmittal, or to credit any overpayment, to Deposit Account No. 03-1952 referencing docket no. 290252016600.

Dated: November 11, 1999

Respectfully submitted,

By: 
William C. Revelos
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